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No. 18] NEW DELHI, SATURDAY, MAY 3, 1980 (VAISAKHA 13, 1902)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

Separate Paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS & DESIGNS

Calcutta, the 3rd May 1980

SPECIAL NOTICE

Patent Office Journal 1977 has been published. These issues are now on sale into the Department of Publications, 'C' Block, Unit No. 21, State Emporia Buildings, Baba Kharag Singh Marg, New Delhi-110001 at the following price per copy :—

Patent Office Journal 1977

Price (Inland Rs. 154.00

(Foreign) £ 17.96

or $ 55.44 Cents.

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 12th January 1980 under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'.

In page 12, column 2, line 8, against No. 147272.

for 'August 20, 1978'

read 'March 20, 1978'

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

27th March, 1980

351/Cal/80. L. H. Pen. Fan blade of large angle wind.

352/Cal/80. Monsanto Company. Methods for preparing anisotropic membranes and membranes prepared therefrom.

353/Cal/80. Union Carbide Corporation. Hydroformylation catalyst reactivation.

354/Cal/80.—Lipton Tea (India) Limited. Process for making tea prills from tea fine or dust and an apparatus therefor.

355/Cal/80. S. K. Jain. Improved picker for looms and to a method of manufacturing same.

356/Cal/80. Dunlop India Limited. An apparatus for folding of tyre tubes.

357/Cal/80. Globe-Union Inc. Composite molding apparatus.

28th March, 1980

358/Cal/80. Maschinenfabtik Augsburg Nurnberg Aktiengesellschaft. Arrangement of an air compressor on a multi-cylinder reciprocating internal combustion engine.

359/Cal/80. D. Yates. Chlorine generator and method.

360/Cal/80. Company "A" (Foam) Limited. Foamed plastics material.

361/Cal/80. Provesta Corporation. Process for producing single cell protein material.

362/Cal/80. J. Krings. A supporting beam for excavating, trenching or like construction applications.

363/Cal/80. Nauchno-Issledovatelsky Institut Prirodnogo Gaza. Device for degassing drilling mud.

364/Cal/80. Cosden Technology, Inc. Process for the conversion of carbonaceous materials.

31st March, 1980

365/Cal/80. Palitex Project-Company GMBH. Filament brake.

366/Cal/80. Linde Aktiengesellschaft. Process for manufacturing raw hydrogen and methanol.

367/Cal/80. Herberts Gesellschaft Mit Beschrankter Haftung. Modified polyesters imides, hadenable by energy-rich radiation, process for their production and their use for the insulation of electric wires.

368/Cal/80. Donetsky Nauchno-Issledovatelsky Institut Chernoi Metallurgii. Method for patching linings of metallurgical units.

369/Cal/80. Sredneaziatsky Nauchno-Issledovatelsky Institut Prirodnogo Gaza. Drilling mud quality control method.

370/Cal/80. Sredneaziatsky Nauchno-Issledovatelsky Institut Prirodnogo Gaza. Device for electrokinetic separation of drilling mud.

371/Cal/80. Sredneaziatsky Nauchno-Issledovatelsky Institut Prirodnogo Gaza. Method for maintaining present parameters of drilling mud.

372/Cal/80. Sredneaziatsky Nauchno-Issledovatelsky Institut Prirodnogo Gaza. Apparatus for electrokinetically separating drilling mud.

1st April, 1980

373/Cal/80. Stamicarbon B. V. Catalytic titanium compound, process for the manufacture thereof, and method for the polymerization of alkenes-1 with application of such a titanium component.

374/Cal/80. Stamicarbon B.V. Catalytic titanium component, process for the manufacture thereof, and process for the polymerization of alkenes-1 with application of such a titanium component.

375/Cal/80. J. O. Sorsensen. Thermodynamic energy conversion system and method, utilizing a thermodynamic working fluid of encased expandables.

376/Cal/80. Combustion Engineering, Inc. Bowl mill with air deflector means.

377/Cal/80. Mrinal Kanti Bhattacharjee. Birth control.

2nd April, 1980

378/Cal/80. Sredneaziatsky Nauchno-Issledovatelsky Institut Prirodonogo Gaza. Method for separating solid phase from drilling mud.

379/Cal/80. Regents of the University of Minnesota. Check valve catheter.

380/Cal/80. RJR Archer, Inc. Composite tipping structure for use on an air-ventilated cigarette and method of manufacturing same.

381/Cal/80. Shell Internationale Research Maatschappij B.V. Process and burner for the gasification of solid fuel and gas so prepared.

382/Cal/80. Dynamit Nobel Aktiengesellschaft. Process for the preparation of terephthalic acid by the hydrolysis of intermediate stage crude dimethyl terephthalate.

ALTERATION OF DATE

147615.

303/Cal/79.

Ante-dated 30th June, 1977.

147622.

536/Del/78.

Post-dated 25th November, 1976

147629.

274/Bom/77.

Ante-dated 25th November, 1976.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 98G. 147592.
Int. Cl.-B21d 63/08.

ROTATING HEAT EXCHANGER.

Applicant: FIVES-CAIL BABCOCK, OF 7, RUE MONTALIVET, 75383 PARIS, CEDEX 08, FRANCE.

Inventor: VICTOR DUHEM.

Application No. 928/Cal/77 filed June 21, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A rotating heat exchanger comprising an assembly of parallel tubes arranged around an axis of rotation and designed in such a manner as to subject solid granular matter to two consecutive treatments by means of two currents of gas, wherein the tubes are grouped in two series : the tubes of one series being placed around the tubes of the other series : the said tubes opening into gas inlet—and outlet chambers which are provided at both ends of the plant and permit a first current of gas to circulate from one end to the other end of the tubes of the first series, and a second current of gas to circulate from one end to the other end of the tubes of the second series : and chutes linking the tubes of the first series to the tubes of the second series are placed close to one end, permitting the matter to pass from the tubes of one series into the tubes of the other series.

Comp. Specn. 11 Pages. Drg. 2 Sheets.

CLASS 24A. 147593.
Int. Cl.-F16d 65/14.

DISC BRAKE MECHANISM ACTUATING MEANS.

Applicant: DANA CORPORATION, OF 4500 DORR STREET, TOLEDO, OHIO, UNITED STATES OF AMERICA.

Inventor: WILLIAM DALE DICKINSON.

Application No. 1039/Cal/77 filed July 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A disc mechanism having a pair of brake plates with brake pads that are carried by a caliper mechanism that is mounted on an axle housing comprising : in combination, a rotor adapted for rotation with the end of an axle external of the axle housing, a portion of the periphery of said rotor extending between the brake pads, spring means for urging the brake plates apart, means for actuating the caliper mechanism for axially squeezing the pads against said rotor, said actuating means including a pair of oppositely acting actuating levers that are pivotally mounted on a caliper mechanism bracket, the inner end of each of said levers being engaged with the inner one of the brake plates, the outer end of one of said levers being attached to an actuat-

ing cable and the outer end of the other one of said levers being attached to a sheath of said cable and stop means on the caliper mechanism bracket for preventing the movement of said other lever in the direction of movement of said cable when said cable is actuated.

Comp. Specn. 11 Pages. Drg. 2 Sheets.

CLASS 35C. 147594.
Int. Cl.-C04b 7/02, 1/00.

A PROCESS FOR PREPARING A LIGHT WEIGHT CONCRETE MATERIAL.

Applicants : CHAUX ET DOLOMIES DUBOULONNAIS, 26, RUE DES CORDELIERES, 75013 PARIS, FRANCE, (2) CENTRE D'ETUDES ET DE RECHERCHES DE L'INDUSTRIE DES LIANTS HYDRAULIQES, 23, RUE DE CREASTADT, 75015, PARIS, FRANCE AND (3) JACQUES SURBECK, 3 RUE DU LEMAN 1201 GENEVE, SWITZERLAND.

Inventor : RAYMOND PELTIER.

Application No. 1694/Cal/77 filed December 6, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

Process for preparing a lightweight concrete material such as concrete blocks, molded pieces and sprayed self supporting grid comprising Portland cement, slaked or hydraulic lime, sand, a colloid and an air entraining agent comprising : (i) vigorously stirring a mixture of cement, sand and a colloid in water in the presence of slaked or hydraulic lime, said stirring being maintained during a period of time sufficient for taking up high proportions of air to obtain a controlled and predetermined density, wherein said mixture contains an equal or greater proportion of lime than cement advantageously 50 to 80% by weight lime and 50 to 20% by weight cement and (ii) carbonating the lime in the mixture with an atmosphere having a high content of carbon dioxide, the mixture having been formed to desired shapes where required.

Comp. Specn. 9 Pages. Drg. Nil.

CLASS 51C.

Int. Cl. B23m 7/00.

ENVELOPE OPENER DEVICE.

Applicant & Inventor : BARRY LYNN BOSHOLD, OF 220 ATLANTIC 209, SANTA CRUZ, CALIFORNIA, U.S.A.

Application No. 307/Cal/78 filed March 21, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An envelope opener comprising : a non-cuttong finger having a relatively pointed distal end to be inserted under the flap of a sealed envelope and tapering gradually outward to a wider trailing portion displaced from said distal end; a sharp cutting blade extending upwardly from said finger at said trailing portion and facing toward said distal end with a narrow slit in between an elongated hood joined to and carrying said finger and blade in a junction therewith at said trailing portion and extending forwardly therefrom generally above and parallel to said finger and blade; the side surface of said junction forming a continuation of the side surfaces of said finger and flaring outward to an increased width rearward of said blade; depending sides on said hood extending downward to embrace said finger and to restrict access to said blade; the leading edges of said depending sides occurring adjacent the distal end of said finger while leaving same visually exposed, and the trailing edges of said depending sides occurring forward of the flared sides of said finger and hood junction leaving a space between said trailing edges and said flared sides for withdrawal of a severed envelope therebetween.

Comp. Specn. 7 Pages. Drg. 1 Sheet.

CLASS : 206 A + C 147596.
Int. Cl.-H01a 19/10.

'AN IMPROVED ANTENNA SYSTEM FOR WIRELESS TRANSMISSION AND/OR RECEPTION OF SIGNALS'.

Applicant & Inventor : VALLABHDAS PURSHOTTAM ASAR C/O. SUNDERDAS SAW MILLS, OPP. REAY ROAD STATION, BOMBAY-400010.

Application No. 114/BOM/1976 filed 9th April, 1976.

Complete left on 11th July, 1977.

Appropriate office for opposition Proceedings (Rule, 4, Patents Rules, 1972) Patent Office, Bombay Branch.

11 Claims.

1. An antenna system for wireless transmission and/or reception of signals, comprising a plurality of parallel elements having their centres in a straight line, said elements being of unequal lengths and being spaced unequally from each other, said lengths of the elements and spacings between the consecutive elements increasing from the shortest to the longest elements in non-linear progression, each of said elements being constituted by two elongated members of equal length, acting as radiators and/or receptors of signals, and said elongated members of each of said elements being disposed end to end in a straight line and being separated electrically by an insulator at the centre of each element, said elements being connected at their centres to two conductors of a feeder line each carrying complementary phases of signal such that the electrical phase of the respective radiators and/or receptors of every next element is reversed, said two conductors of the feeder line being electrically separated along their length from the shortest to the longest elements and being electrically terminated at their ends beyond the longest element, said elements being held in position at each of their free ends on either side by insulating materials, such as herein described in the form of catenaries, and a mounting means for mounting said elements in horizontal, vertical or in an inclined plane.

Provisional specification—7 pages, Drawings—2 shets.
Complete specification—10 pages.

CLASS : 98 B + L 147597.
Int. Cl.-F24j 3/00.

A SOLAR HEATED ANAEROBIC DIGESTER.

Applciant & Inventor : JASHBHAI JHAVERBHAI PATEL, VALVOD TALUKA BORSAD, DISTT. KHEDA, GUJARAT.

Application No. 315/Bom/76 filed on 10th September 1976.

Complete after Provision left on 9th December 1977.

Appropriate office for opposition Proceedings (Rule, 4, Patents Rules, 1972) Patent Office, Bombay Branch.

7 Claims.

A solar heated anzerobic digester comprising a digester for digesting medium, one side or a part of a side of which is disposed inclined to the horizontal plane, and on top of which a gas collector or a gas holder is provided, having an outlet for the gas through a pipe fixed in the centre of the side gasholder or the gas collector and through the guide pipe fixed in the centre of the digester, said inclined side being constituted by a solar heatabsorbing panel, the arrangement be being such that the digesting medium in slurry form contained in the digester is in constant contact with the underside of the said panel.

Provisional Specification : 1 page.

Complete Specification : 10 pages.

Drawing Sheets : 2 Sheets.

CLASS 32, F3a 147598.
Int. Cl.-C07c 67/06, 69/00.

"A METHOD OF PURIFYING ALLYLIC TERTIARY ESTERS BY DISTILLATION"

Applicants : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, BOMBAY-400020.

Inventors : VINCENT PAUL AND RANJIT KUMAR NIYOGI.

Application No. 101/BOM/1977 filed 14th March 1977.

Complete Specification left on 15th Feb. 1978.

Appropriate office for opposition proceedings (Rule 4, the Patents Rules ,1972) Patent Office, Bombay Branch.

7 Claims.

A method of purifying allylic tertiary esters by distillation wherein, prior to and/or during distillation, the impure esters in the liquid and/or vapour phase are respectively contacted with a base capable of neutralising the impurity/ies therein e.g. acidic impurities, such that the latter does/do not react with the purified esters or initiate decomposition thereof.

Provisional Specification—7 pages.

Complete Specification—8 pages.

CLASS : 77B + 170D. 147599.

Int. Cl.-C 11b 3/00.

A METHOD OF REMOVING UNSAPONIFIABLE MATERIAL FROM SAPONIFIED SYNTHETIC FATTY ACIDS.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, BOMBAY-400020, MAHARASHTRA, INDIA.

Inventors : (1) SURYANARAYAN DOARI, (2) ASHOK KUMAR BHANDARI & (3) SHRINATH SHESHGIRI KALBAG.

Application No. 143/Bom/77 filed April 16, 1977.

Complete Specification left on June 29th, 1978.

Appropriate office for opposition proceedings (Rule 4, the Patents Rules, 1972) Patent Office, Bombay Branch.

9 Claims.

A method of removing unsaponifiable material from saponified synthetic fatty acids (soaps) prepared by the oxidation of long chain paraffins as described hereinbefore comprising the steps of :—

(i) Contacting by mechanical agitation an aqueous solution of the soap with a hydrocarbon in amounts of from 10:1 to 1:10 by weight at a temperature from 70°C to 300°C under pressure sufficient to retain the hydrocarbon below its boiling point (B.P.).

(ii) Settling the resultant material of step (i) into to layers, while retaining the necessary pressure;

(iii) Separating by Conventional method the upper hydrocarbon layer which contains the unsaponified material; and

(iv) Recovering soap from the lower layer by conventional methods.

Provnl. Specn.—6 pages; Com. Specn.—9 pages.

CLASS 127 C . 147600.

Int. Cl.-F16h 55/36.

VARIABLE SPEED DRIVE PULLEYS.

Applicant : MADHUSUDAN LAXMINARAYAN RATHI, 27, SHANKAR SHETH ROAD, POONA-411009, MAHARASHTRA STATE, INDIA.

Application No. 323/BOM/1977 filed November 16, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

1 Claim.

1. Variable speed drive pulley comprising a two part pulley, the first part being fixedly mounted over the shaft of the prime mover, the extended portion of the said shaft is hexagonal in section, there being mounted a rubber sleeve over the said extended portion of the shaft and the said rubber sleeve having corresponding hexagonal section, the said second component of the said pulley being mounted over the said rubber sleeve; the said second component further being supported or backed by a coil spring or a compression spring with a suitable cover, such that the said compression spring exerts requisite pressure to maintain the gap between two components of the pulley, such that the belt over the said pulley of the prime mover remains in a position to accompolish pre-determined speed of the pulley.

Complete specification 4 pages. Drawing sheet 1.

CLASS 32A1. 147601.

Int. Cl.-C09b 29/00, 31/00.

PROCESS FOR THE MANUFACTURE OF NEW AZO DYESTUFFS.

Applicants : COLOUR CHEM LIMITED, RAVINDRA ANNEXE, DINSHAW VACHHA ROAD, 194 CHURCHAGATE RECLAMATION, BOMBAY-400020, MAHARASHTRA, INDIA.

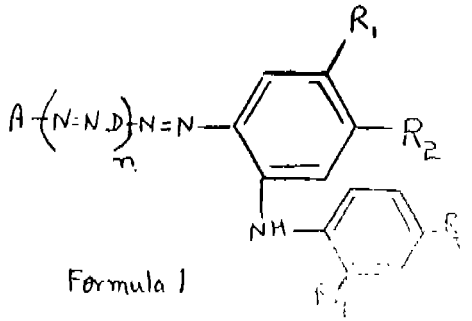
Inventor : DR. DAYANAND SACHIDANAND RAO.

Application No. 350/Bom/77 filed December 20, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

3 Claims.

A process fo rthe manufacture of new azo dyestuffs of the general formula (1) of the accompanying drawings,



Formula 1

wherein A represents the residue of a diazo component of the benzene or naphthalene or diphenylamine series, which may be substituted further by clorine or bromine atoms, or by nitro, hydroxy, ureido, cyano, acetylamino, methyl, ethyl, methoxy, ethoxy, carboxylic or sulphonic acid groups,

D represents a 1, 4-phenylene or a 1, 4-naphthylene radical which may be substituted further by chlorine or bromine atoms or by methyl, ethyl, methoxy, ethoxy, acetylamino, ureido, nitro-sulphophenlyamino, carboxylic or sulphonic acid groups,

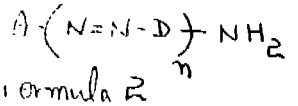
R_1 represents a hydrogen atom, or a chlorine or bromine atom, or methyl, ethyl, methoxy or ethoxy group or a sulphonic or a carboxylic acid group,

R_2 represents an amino or a hydroxyl group,

R_3, R_4 represent nitro or sulphonic acid substituents in such a manner that when one of them represents a nitro group the other represents a sulphonic acid group, and

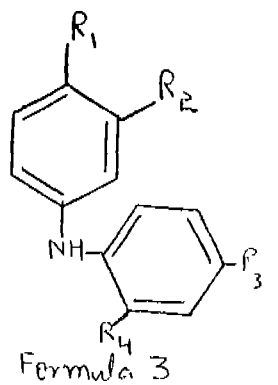
n stands for 0 or 1,

which comprises coupling in a known manner one molecular proportion of a diazonium compound of an amine having the general formula (2), of the drawings,



Formula 2

wherein A, D and n have the meaning defined above, with one molecular proportion of coupling component of the general formula (3) of the drawings,



Formula 3

wherein R_1, R_2 and R_3 have the meanings defined above, in an aqueous medium either between pH of values of 1 and 7.0 when R_2 represents an amino group or between pH values of 7 and 12.0 when R_2 represents a hydroxyl group.

Complete Specification 26 pages. Drawing 5 sheets.

CLASS 32A1. 147602.

Int. Cl.-C09b 29/00, 31/00.

PROCESS FOR THE MANUFACTURE OF NEW WATER SOLUBLE AZO DYESTUFFS.

Applicants : COLOUR CHEM LIMITED, RAVINDRA ANNEXE, DINSHAW VACHHA ROAD, 194 CHURCHGATE RECLAMATION; BOMBAY-400020, MAHARASHTRA, INDIA.

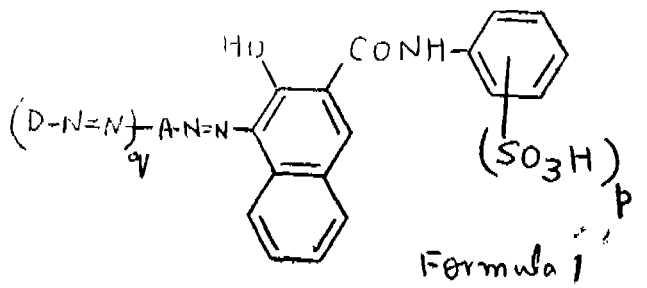
Inventor : DR. DAYANAND SACHIDANAND RAO.

Application No. 351/Bom/1977 Filed December 20, 1977.

Appropriate office for opposition Proceedings (Rule 4, the Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims.

A process for the manufacture of new water soluble azo dyestuffs represented by the general formula (1) of the accompanying drawings,



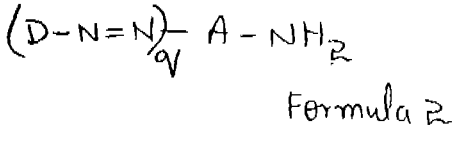
Formula 1

wherein A, D represent aromatic radicals of the benzene or naphthalene or diphenylamine series, which may be the same or different and which may be substituted further by bromine or chlorine atom or by nitro, acetylamino, hydroxy, cyano, ureido, methyl, ethyl, methoxy, ethoxy, carboxyl or sulphonic acid group,

p stands for 1 and 2, and

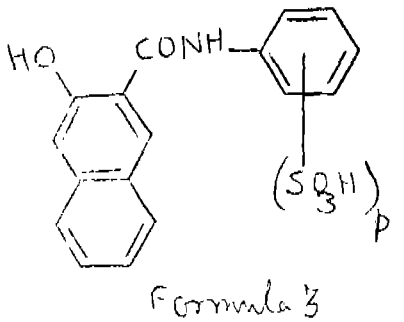
q stands for 0 or 1,

which comprises coupling in a known manner a diazotised compound obtainable from amine having the general formula (2) of the accompanying drawings,



Formula 2

wherein A, D and q have the meanings given above, with a coupling component of the general formula (3) of the accompanying drawings,



Formula 3

wherein p has the meaning given above, in aqueous alkaline medium in the pH region of 7.5 to 12.

Complete Specification 14 pages. Drawing 2 sheets.

CLASS 132 A2. 147603.

Int. Cl.-B01f 7/20.

AN IMPROVED AGITATOR FOR CHEMICAL PROCESSING EQUIPMENT.

Applicants : RATTI INDUSTRIAL EQUIPMENT CO. LTD. 27, SHANKAR SHET ROAD, POONA-411009, MAHARASHTRA STATE, INDIA.

Inventor : CHAINSUKH SOBHACHAND GANDHI.

Application No. 12/BOM/1978 filed January 7, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

1 Claim.

An improved agitator for chemical processing equipment comprising a horizontal rotating driving shaft having at the end which is inside the agitator, an angular crank shaft to which there is articulately connected a transmission arm, the said transmission arm being capable of oscillating around a horizontal rotor pin passing through a bilobed agitator head which head extends vertically below to form an agitator shaft having agitating blades, the arrangement being such that when the said horizontal rotating driving shaft rotates, the said angular crank lifts the transmission arm which pushes the agitator once towards the left and then towards the right by virtue of the said crank being articulately connected to the transmission arm, resulting in improved agitation.

Complete specification—4 pages. Drawing sheets—2.

CLASS 73. 147604.

Int. Cl.-D06M 1/00, 9/00.

'PIN CARRIER ATTACHMENT'.

Applicant & Inventor : LAXMICHAND PREMJIBHAI KHUTHIA, D-7/5, PARK SITE COLONY, VIKHROLI (WEST), BOMBAY-400079.

Application No. 52/Bom/1978 filed on 24 February 1978.

Appropriate office for opposition Proceedings (Rule, 4, The Patents Rules, 1972) Patent Office, Bombay Branch.

7 Claims.

A pin carrier attachment comprising of a tiltable pin base, hanged to carrier by a shaft, about which pin base tilts by 90°, pivotable flippers comprising of perpendicular sleeved bearings, swing by means of strip springs, to support pin base horizontally, pin base slide inward by two coiled springs attached to shaft, while pin base is in vertical position.

Complete specification : 4 Pages.

Drawings : 2 sheets.

CLASS 172D8 + F. 147605.

Int. Cl.-B65h 54/00.

'A NOVAL TASAR REELING MACHINE'.

Applicants : CENTRAL SILK BOARD, (MINISTRY OF INDUSTRY), GOVERNMENT OF INDIA, MEGHDOOT, 95-B, MARINE DRIVE, BOMBAY-2.

Inventor : ALAYANVALLI RAGHUNATHACHAR SRINIVAS GOPALACHAR.

Application No. 63/Bom/1978 filed on 2nd March 1978.

Complete specification left on 25th March 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

12 Claims.

1. A tasar reeling machine comprising :
   (i) a reeling tray 7 in which cooked tasar silk cocoons are stored;
   (ii) a pedal whel 4 forming prime mover for driving a step pulley 5 which drives spindle driving shaft 1 and delivery shaft 1;
   (iii) said spindle driving shaft 1 carries a step pulley any four grooved wheels;
   (iv) a bobbin traverse machanism 3 oscillating by the wheel carrying an eccentric shaft;
   (v) four spindles mounted longitudinally and driven by said grooved pulleys;
   (vi) each of said spindles being passed through a ring rail 2,

ıe arrangement being such that the tasar silk yarn from the ooked cocoons in tray 7 is picked up through the thread uides and taken up on the delivery shaft and from there it passed through a ring rail and bobbin traverse mechanism ıe said tasar silk yarn from the respective cocoons is simultaneously wound on the said bobbins when a man perates the foot pedal which drives the mechanism of the eeling machine through round belts fitted to respective ooved pulleys.

rov. Speen.—7 pages and Drawings sheets—4.
omplete Speen.—10 pages.

CLASS 86A. 147606.

nt. Cl.-A47b 47/00.

A CABINET.

Applicant : PHENOWELD POLYMER PRIVATE LIMITED, SAKI VIHAR LAKE ROAD, BOMBAY-400072, MAHARASHTRA STATE, INDIA.

Inventor : ADAR SAHIJRAM MIRCHANDANI.

Application No. 255/BOM/1978 filed August 28, 1978.

Appropriate office for opposition Proceedings (Rule 4, atents Rules, 1972) Patent Office, Bombay Branch.

3 Claims.

An improved cabinet having a frame with a single door r cover opening of the type described in my coopending atent Application No. 40/BOM/78 of 13th February 1978 characterised in that depressions are provided at the underide of the cabinet and in line along the joint where the partions are formed which serves as the shelves of the cabiet.

Complete specification—9 pages. Drawing sheet—1.

CLASS 50E. 147607.

nt. Cl.-F25b 27/00, 27/02.

ABSORPTION REFIGERATION SYSTEM UTILIZING OLAR ENERGY.

Applicant : CARRIER CORPORATION, AT SYRACUSE, IEW YORK, UNITED STATES OF AMERICA.

Inventor : LOUIS H. LEONARD.

Application No. 435/Del/77 filed December 5, 1977.

Appropriate office for opposition Proceedings (Rule 4, atents) Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

In an absorptive refrigeration system having a primary enerator for processing an absorptive solution therein and primary condenser for condensing refrigerant from said olution in the primary generator, the improvement comprisıg a secondary generator connected to said primary geneıtor to receive processed solution from the primary geneıtor a secondary condenser connected to said primary ondenser to receive refrigerant condensate from the priıary condenser, and a compressor driven refrigeration ircuit having a first heat exchanger which is located in the econdary condenser and which is in heat transfer relation with the refrigerant in the secondary condenser, and a second heat exchanger and which is located in the secondary generator and which is in heat transfer relationship with the solution in the secondary generator whereby the heat condensation developed in the secondary condenser is transferred into the secondary generator.

Comp. Speen. 21 Pages. Drg. 3 Sheets.

CLASS 85K. 147608.

Int. Cl.-F27b 15/12.

AN IMPROVED COAL FIRED FLUIDIZED BED COMBUSTION APPARATUS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventor : PRABIR BASU.

Application No. 1230/Cal76 filed July 9, 1976.
Complete Specification left October 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Improved coal fired fluidized bed combustion apparatus comprising a combustion chamber fitted with a perforated base plate, and an ash weir, coal feed means there above and an air entry passage there below characterised in that there are provided baffles within the fluidised bed to isolate ash weir from the rest of the bed and an ash overflow outlet from the built-up ash.

Spcn. 4 Pages. Comp. Spcn. 10 Pages. Drg. 3 Sheets.

CLASS 157D. 147609.

Int. Cl.-E01b 35/00, 29/34, B61k 9/00.

PORTABLE DEVICE FOR MEASURING LATERAL AND VERTICAL OSCILLATIONS ON A RAILWAY VEHICLE WHILE IN MOTION ON THE TRACK.

Applicant & Inventor : PREM CHANDRA LUTHAR, SOUTH EASTERN RAILWAY GARDEN REACH, CALCUTTA-700043, STATE OF WEST BENGAL, INDIA.

Application No. 356/Cal/77 filed March 10, 1977.

Complete Specification left May 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A portable device for measuring lateral and vertical oscillations on a railway vehicle while on motion on the track comprising a sensor, an indicator and a recorder, wherein the sensor comprises a container containing mercury and a set of four tubes connected to the container, said tubes being disposed circumferentially on the lateral axis of the said container and in pairs diametrically opposite to each other and communicating with the mercury within the said container, to of the tubes of the said four tubes forming a first set of tubes and disposed diametrically opposite to each other, the other two tubes of the said four tubes forming a second set of tubes and disposed at right angles on the same plane to the first set of tubes so that one set of tubes being the first set, is used for determining lateral oscillations while the other set of two tubes is intended for determining vertical oscillations, when the device is fitted on a vehicle passing over the rail track, while close to the junctions of the respective tubes with the container are fitted probes on the said tubes which probes are insulatingly spaced from each other but can make contact with the mercury when the mercury enters the tube, the distances of corresponding probes in each set of the two tubes from the centre of the container are identical.

Prov. Speen. 5 Pages. Comp. Speen. 12 Pages. Drg. 3 Sheets.

CLASS 190A & B. 147610.

Int. Cl.-F01d 25/16, 25/28, F02c 7/06.

A GAS TURBINE.

Applicant : UNITED TECHNOLOGIES CORPORATION, AT 1, FINANCIAL PLAZA, HARTFORD, CONNECTICUT 06101; UNITED STATES OF AMERICA.

Inventor : RUDOLPH JOHN NOVOTNY.

Application No. 883/Cal/77 filed June 14, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A gas turbine comprising a case, a rotor assembly mounted for rotation therein, said rotor assembly having a forwardly extending shaft means, a bearing assembly for supporting said shaft means, means mounting said bearing assembly comprising a diaphragm positioned therearound, said diaphragm having an inner periphery and outer periphery, the inner periphery of said diaphragm being fixed to said bearing assembly an annular passageway located between said bearing assembly and case, vanes in said passageway, the outer periphery of said diaphragm being connected to the inner ends of said vanes, a cylindrical member, said cylindrical member having one end connected to the case, said vanes having their outer ends fixed to said cylindrical member.

Comp. Specn. 13 Pages. Drg. 1 Sheet.

CLASS 68C & 166C. 147611.

Int. Cl.-B63h 1/00.

POWER DRIVEN VESSEL.

Applicant : SCHOTTEL-WERFT JOSEF BACKER GMBH &CO., KG., OF 5401 SPAY/RHEIN REPUBLIC OF GERMANY.

Inventor : FRANZ KRAUTKREMER.

Application No. 1410/Cal/77 filed September 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A power-driven vessel, for towing and similar work, provided with at least one drive means, in the form of a rudder propeller and arranged below the front half of the vessel, characterised in that each of the one or more rudder propellers, are arranged below a shaft structure comprising two substantially concentrically disposed shaft walls of which the outer shaft wall is substantially rigidly attached to the hull of the vessel, and of which the inner shaft wall is supported within and from said outer shaft wall to enable said inner shaft wall of being lifted out of said shaft structure in an upward direction, said drive means being secured to said inner shaft wall and having a diameter smaller than the diameter of said outer shaft wall.

Comp. Specn. 9 Pages. Drg. 4 Sheets.

CLASS $55E_1$ & E^8 & F. 147612.

Int. Cl.-C12d 7/00, 13/00.

METHOD FOR PRODUCING ANCHORAGE-DEPENDENT CELL-GROWTH BY-PRODUCTS.

Applicant : MASSACHUSETTS INSTITUTE OF TECHNOLOGY, OF CAMBRIDGE, MASSACHUSETTS 02139, UNITED STATES OF AMERICA.

Inventors : DAVID WALTER LEVINE, WILLIAM GEORGE THILLY, DANIEL I. CHYAU WANG AND JASON SHIU-JEK WONG.

Application No. 1561/Cal/77 filed October 31, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A method for producing anchorage dependent cell growth by-products, comprising :

a. forming a suspension of positively charged microcarriers having a charge capacity of from about 0.1 to about 4.5 meg/gram of dry, untreated microcarriers for good growth of anchorage-dependent cells in a suitable cell culture medium;

b. inoculating said culture with anchorage-dependent cells to form a cell culture;

c. maintaining said cell culture under conditions conductive to the production of cell growth by-products; and,

d. harvesting said cell growth by-products.

Comp. specn. 29 Pages. Drg. 1 Sheet.

CLASS $32F_1$ & F^{8b}. 147613.

Int. Cl.-C07d 55/00, A61k 27/00.

A PROCESS FOR PREPARING HISTAMINE H_2—ANTAGONISTS.

Applicant : SMITH KLINE & FRENCH LABORATORIES LIMITED, OF MUNDELLS, WELWYN GARDEN CITY, HERTFORDSHIRE, ENGLAND.

Inventors : THOMAS HENRY BROWN AND ROBERT JOHN IFE.

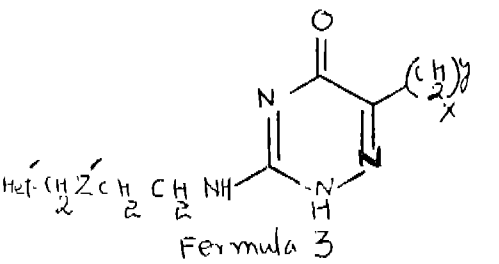
Application No. 201/Del/78 filed March 16, 1978.

Convention date March 19, 1977/(11757/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

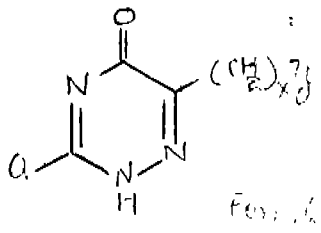
9 Claims.

A process for preparing a compound of the formula 3,



Formula 3

wherein Het' is a 2- or 4-imidazolyl ring optionally substituted by lower alkyl (preferably methyl), halogen (preferably chlorine or bromine), trifluoromethyl or hydroxymethyl, a 3-pyridyl ring optionally substituted by one or two groups (which may be the same or different) selected from lower alkyl (preferably methyl), lower alkoxy (preferably methoxy), halogen (preferably chlorine or bromine) amino and hydroxy, a 2-pyridyl ring with a phenyl, carbocyclic or cyclic ether ring containing 2 oxygen atoms fused to it, a 2-thiazolyl ring, a 3-isothiazolyl ring optionally substituted by chlorine or bromine, a 3-(1, 2, 5)-thiadiazoyl ring optionally substituted by chlorine or bromine, or a 2-(5-amino-1, 3, 4-thiaxiazolyl) ring; Z' is sulphur or a methylene group; x is 1 to 5; Y is a 1-or 2-naphthyl ring, a 2, 3-dihydro-1, 4-benzodioxinyl or a 1, 3-benzodioxolyl ring, a phenyl ring substituted with one or more alkyl, lower alkoxy, halogen, arylalkoxy, hydroxy, alkoxyalkoxy, trifluoromethyl, di (lower alkyl), amino, phenoxy, halophenoxy, alkoxyphenoxy, phenyl, halophenyl or alkoxyphenyl groups, a 5 or 6 membered heterocycle such as an pyridine, furan, thiophen, thiazole, oxazole, isothiazole, imidazole, pyrimidine, pyrazine, or pyridazine ring, which ring is optionally substituted by lower alkyl, lower alkoxy or may have a benzene ring fused to it, or when x is other than 1 Y may also be phenyl; which comprises reacting a triazinone of the formula 4.



wherein x and Y are as defined above and Q is lower alkylthio, benzylthio or other grouping which is conveniently displaced by an amine, with an amine of formula Het'-CH2Z'-(CH2)2NH2 wherein Het' and Z' are as defined above.

Comp. Specn. 18 Pages. Drg. 2 Sheets.

CLASS 69B & D. 147614.

Int Cl.-H01r 7/00.

A GROUND FAULT INTERRUPTOR.

Applicant : DEOKI NANDAN SINGHANIA, 17, CAMAC STREET, CALCUTTA, INDIA.

Inventor : HARBHANJAN SINGH.

Application No. 2050/Cal/76 filed November 16, 1976.

Complete Specification left February 13, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A ground fault interruptor having a circuit comprising primary winding connected to a power source and also to a load through normally closed contacts of a relay or circuit breaker, and a secondary winding characterised in that a reed relay is connected to the secondary winding, in that the said relay or circuit breaker being adapted to be connected to a power supply circuit on the energisation of the coil of the reed relay to open the said contacts and disconnect the load from the primary windings, in that a biasing means for the reed relay and a signal processing circuit are provided in the circuit, the signal processing circuit being connected to the secondary winding of the transformer in such manner as to prevent the biasing current from flowing into the secondary winding the signal processing circuit also being adapted to increase the sensitivity of the circuit.

Specn. 9 Pages. Prov. Dr. 1 Sheet. Comp. Specn. 16 Pages.

Comp. Drg. 1 Sheet.

CLASS 90C & 136E 155D. 147615.

Int. Cl.-B29d 7/08, B32b 27/06, 27/40.

A PROCESS FOR PREPARING A PRE-FORMED POLYMERIC SHEET FOR USE IN PREPARING A GLAZING LAMINATE.

Applicant : SAINT-GOBAIN INDUSTRIES, OF 62 BOULEVARD VICTOR HUGO, 92209, NEUILLY SUR SEINE, FRANCE.

Inventors : HEINRICH AGETHEN, PAUL GESENHUES, HELMER READISCH, OTTO JANBELEIT AND WOLFGANG SCHAFFER.

Application No 303/Cal/79 filed March 28, 1979.

Division of Application No. 983/Cal/77 filed June 30, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

46 Claims.

A process for preparing a pre-formed polymeric sheet for use in preparing a glazing laminate such as hereinbefore described, one surface of said sheet comprising a thermoplastic polyurethane resin capable of adhering to a ply of said laminate and the other surface of said sheet comprising a thermoset polyurethane resin which imparts antilacerative and self-healing properties to said laminate, the process comprising : forming on a horizontal support a liquid film comprising a mixture of monomers from which said thermoset material is formed : polymerizing said monomers by the action of heat and/or catalysers to form a solid film of said thermoset material : and forming on said solid film a solid film of said thermoplastic material.

Comp. Specn. 40 Pages. Drg. 1 Sheet.

CLASS 139A. 147616.

Int. Cl.-C01b 31/00.

IMPROVED PROCESS FOR THE MANUFACTURE OF MOULDED CARBON ARTICLES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : DR. PULIMUTIL THOMAS JOHN AND KALIKRISH DATTA.

Application No. 1303/Cal/76 filed July 21, 1976.

Complete Specification left October 19, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An improved process for the manufacture of moulded carbon articles comprising mixing ground carbonaceous materials, with a binder therefor, moulding the carbon articles, and subjecting the same to heat-treatment characterised in that the moulded green article is first subjected to a prebake treatment at a temperature in the range of 100-300°C in an oxidising atmosphere.

Prov. Specn. 6 Pages. Comp. Specn. 5 Pages. Drg. 2 Sheets.

CLASS 94A. 147616.

Int. Cl.-B02c 19/11.

A LIFTING WALL FOR INCORPORATION IN A TUBE MILL.

Applicant : POLYSIUS AG, OF GRAF-GALEN-STR, 17, 4723 NEUBECKUM, FEDERAL REPUBLIC OF GERMANY.

Inventors : PETER TIGGESBAUMKER AND KARL-HEINZ ALKER.

Application No. 125/Cal/77 filed January 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A lifting wall for incorporation in a tube mill having two support plates divided into segments, intermediately disposed lifting vanes adjustable in the radial direction with respect to said segmented support plates and acentral transfer cone which is formed by a plurality of segments each having side plates, characterised in that the individual lifting vanes are bolted to the transfer cone in such a manner that the individual lifting vanes pass between the side plates of adjacent transfer cone segments and are bolted to said segments.

Comp. Specn. 9 Pages. Drg. 3 Sheets.

CLASS 63B & D & E & I. 147618.

Int. Cl.-H02k 1/20, 5/24, 9/00.

DYNAMOELECTRIC MACHINE INCLUDING GAS BAFFLES.

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

Inventors : CASMER PETER STANWICK AND LAWRENCE EDMUND JORDAN.

Application No. 598/Cal/77 filed April 19, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A dynamoelectric machine comprising a frame, a plurality of circumferentially spaced spring bars adjacent said frame extending longitudinally thereof and secured to said frame at spaced points, a plurality of circumferentially spaced keybars adjacent to but spaced from said frame and extending longitudinally thereof, each of said keybars being supported by a corresponding spring bar but spaced from said spring bar along a substantial portion of its length, a stator core mounted on said keybars but spaced from said kaybars to minimize transmission of vibration from said core to said frame, said core comprising a plurality of core sections, each core section being mounted on two keybars, said core having alternate first passages for inflow of cooling gas and second passages for outflow of cooling gas, and a plurality of baffle, one baffle being positioned on each of said spring bars in each region between said first and second passages, each baffle including a portion disposed between said spring bar and said core and resiliently engaging said core to block flow of cooling gas between said core and said spring bar while minimizing transmission of vibration from said core to said frame.

Comp. Specn. 13 Pages. Drg. 3 Sheets.

CLASS 5E. 147619.

Int. Cl.-A01c 7/12, 7/20.

SEED DRILL.

Applicant & Inventor : RAGHUNATH MAHAPATRA, 22-SURYANAGAR, BHUBANESWAR-3, ORISSA, INDIA.

Application No. 1036/Cal/77 filed July 7, 1977.

Complete Specification left June 26, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A seed drill for drilling seeds of all types of field crops irrespective of their size and hardness of seeds in dry soil and germinated paddy seeds in puddled soil which comprises a seeder and a furrow opener, the seeder being a cylindrical drum both ends of which are closed with a door on the body, with lines of perforations on the body at regular intervals, numbers of lines of perforations being equal to the number of tynes and spacing between two lines of perforations being equal to the spacing between two tynes with straps loosely fitted over the drum one against each line of perforation on the drum for regulating seed flow, an axil passing along its length in the centre, rigidly fitted to both sides by means of two flanges with two wheels the diameter of the wheels being more than the diameter of the drum with flat rim and fins on the rim, the wheels being rigidly fitted to the two ends of the axial, the axil with the wheels and drum being rotated on the two stands fitted on a hanger, and the furrow opener for drilling in puddled soil comprises of tynes and a float, the tynes being V shaped straight metal structures rigidly fitted to the bottom surface of the float keeping them slanting down wards and back ward to the line of sweep the float being a hollow wooden structure closed from all sides.

Prov. Specn. 3 Pages. Comp. Specn. 6 Pages. Drg. 2 Sheets.

2—47GI/80

CLASS 5A & D. 147620.

Int. Cl.-A01b 5/02, 5/04, 15/16, 33/14.

DISC PLOUGH.

Applicant & Inventor : RAGHUNATH MAHAPATRA, 22-SURYANAGAR, BHUBANESWAR-3, ORISSA, INDIA.

Application No. 1037/Cal/77 filed July , 1977.

Complete Specification left June 26, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A bullock drawn disc plough for ploughing and puddling soil which comprises a monoblock body, supporting two gangs of discs by means of a water proof shaft bearing system, beam and handle, the said body comprising a main angle, to each end of which side extensions which extend back wards and out wards at an angle of 105 to 115 degree to the main angle are rigidly fitted, to the other end of each extension, a body tube having a narrow ridge along its length in the inner wall and a hole in the middle is rigidly fitted keeping each tube at right angle to the extension and parallel to the ground, on the main angle and body tube four stands of the seat are fitted, all the above components being welded into a monoblock, each gang of discs comprising two discs inner and outer, the inner discs being smaller than the outer disc and all the components are so positioned that when the disc plough is hitched keeping the seat slightly slanting back wards, thereby providing a comfortable seat like that of a sofa for the operator, the discs remain at an disc angle of 17 to 21 degree and at tilt angle of 17 to 21 degree and all the four discs touch the ground.

Prov. Specn. 5 Pages. Comp. Specn. 6 Pages. Drg. 2 Sheets.

CLASS $108C_5$. 147621.

Int. Cl.-C21c 7/00, 1/00.

MAGNESIUM-CONTAINING TREATMENT AGENTS FOR MOLTEN METALS.

Applicant : FOSECO INTERNATIONAL LIMITED, OF LONG ACRE, NECHELLS, BRIMINGHAM B7 5JR, ENGLAND.

Inventor : JOHN ROBERT MCLAUGHLIN, MICHAEL DAVID BRYANT, MANFRED FESSEL AND KENNETH CLARK TAYLOR.

Application No. 433/Del/77 filed December 5, 1977.

Convention date December 6, 1976/(50847/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims.

A treatment agent for treating molten metal which is a compacted mixture comprising particulate iron, magnesium and calcium, wherein

(1) the magnesium content is 5 to 15% by weight and the magnesium is of particle size all less than 0.7 mm.

(2) the weight ratio of magnesium to calcium is in the range of from 1:1 to 8:1

(3) the iron has a purity of at least 95% by weight and a particle size of all less than 0.5 mm, and

(4) the mixture is compacted by known methods into a body of density at least 4.3 gm/cm^3.

Comp. Specn. 25 Pages. Drg. 1 Sheet.

CLASS 205A & G. 147622.

Int. Cl.-B60c 29/00.

AN INNER TUBE FOR A TYRE.

Applicant : J. K. INDUSTRIES LIMITED, LINK HOUSE, 3, BAHADUR SHAH ZAFAR MARG, NEW DELHI-110002, INDIA.

Inventor : AYAKAD SUBRAMANIAN NARAYANAN.

Application No. 536/Del/78 filed July 21, 1978.

Division of Application No. 42/Del/76 filed 25, Nov. 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims.

An inner tube for a tyre having a valve consisting of a known valve base and a metal stem held thereto, an opening provided in said tube characterised in that the said valve base is held within said tube, the metal stem extending outwardly from said opening with the shorter or upper surface of said valve base disposed in an abutting relationship with the said tube.

Comp. Specn. 7 Pages. Drg. 1 Sheet.

CLASS 101H. 147623.

Int. Cl.-E02b 8/04.

AUTOMATIC SLUICE GATE.

Applicant & Inventor : BHASKAR HARI PATWARDHAN OPPOSITE DR. PUJARI, NEAR RAILWAY STATION, MIRAJ DIST. SANGLI 416410 MAHARASHTRA, INDIA.

Application No. 270/BOM/76 filed August, 6, 1976.

Complete specification left October 26, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims.

Automatic sluice gate comprising a combination of a rectangular shaped gate frame, the front side of which is covered by sheet metal so as to form a sluice gate, and the bottom longitudinally extending side thereof is sandwiched between a longitudinally extending concrete beam forming counter balance weight and a longitudinally extending rubber pad, and each of the two vertically extending rear side of which is provided with sealing gasket, and lower middle of said gate frame is hingeably mounted on respective bearing plates fitted to angularly extending front side of respective bearing frames welded to or otherwise formed integral with a rectangular shaped beam frame and the rear upper end of each of said bearing frames is provided with inverted V-shaped rest foot, and the front longitudinally extending side of the said beam frame is provided with a series of brackets to which a longitudinally extending brass flat is fitted, the arrangement being such that when said sluice gate is fitted to a canal which upon getting flooded automatically tilts said sluice gate on its axis and remains open at an angle inclined to the horizontal line and rests on respective rest fee on bearing frames and when flood waters recede said sluice gate automatically tilts forward by the counter balance weight and remains at an angle inclined to the vertical line and the longitudinally extending rubber pad rests against the corresponding brass flat on beam frame and likewise the sealing gaskets rest against corresponding bars fitted on canal side walls thereby preventing seepage of water there through.

Provision specification—6 pages Drawings—1 sheet.

Complete specification—9 pages Drawings—1 sheet.

CLASS 32F2b. 147624.

Int. Cl. C07d 57/00.

PROCESS FOR PREPARING PHARMACOLOGICALLY ACTIVE PYRIMIDO (6, 1-a) ISOQUINOLIN-4-ONE DERIVATIVES.

Applicant : HOECHST PHARMACEUTICALS LIMITED, HOUECHST HOUSE, NARIMAN POINT, 193, BACKBAY RECLAMATION BOMBAY-400021, MAHARASHTRA STATE, INDIA.

Inventors : 1. DR. BANSILAL, 2. DR. HORST DORNAUER, 3. PROF. BANIKANTA BHATTACHARYA, 4. DR. ALIHUSSEIN NOMANBHAI DOHADWALLA AND 5. DR. NOEL JOHN DESOUZA.

Application No. 433/BOM/76 filed December 10, 1976. Complete and after provisional left March 10, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims.

1. A process for preparing pharmacologically active pyrimido (6, 1-a) isoquinolin-4-one derivatives of formula I shown in the drawings accompanying this specification, which may be amplified and represented as the isomeric formulate Ia and Ib shown in the drawings accompanying this specification in one or both of which tautomeric forms the compounds are likely to exist, in which R^1, R^4 and R^5, which may be the same or different, stand for hydrogen, hydroxy, lower alkoxy, dialkylphosphinyl-alkoxy, acyloxy or halogen such that two of the radicals R^1, R^4 and R^5, when in adjacent positions and taken together may form a methylenedioxy or an ehtylenedioxy group; R^6 stands for a pair of electrons or hydrogen; when R^6 stands for a pair of electrons as for example in formula Ia, R^2 and R^3 may be the same or different and stand for hydrogen, alkyl, cycloalkyl, hydroxyalkyl, alkoxyalkyl dialkoxyalkyl, haloalkyl, dialkylaminoalkyl, arakyl and optionally substituted aryl, aryl donating an aromatic hydrocarbon radical having upto 10 carbon atoms, R^3 stands for hydrogen when R^2 stands for hydroxy, lower alkoxy, amino, alkylamino, dialkylamino, arylamino amino or alkyl substituted by a 5- or 6-membered carbon ring containing upto 3 hetero atoms selected from the group of N, O and S, and R^2 and R^3 when taken together with the nitrogen atom to which they are bound stand for an optionally substituted nitrogen heterocycle possibly containing a further notorogen or oxygen atom; when R^6 represents hydrogen, as for example in formula Ib, R^3 represents a pair of electrons R^2 has all the meanings defined above for R^2 and their acid addition salts comprises reacting as hereing described a compound of formula II shown in the drawings accompanying this specification, in which R^1 R^4 and R^5 are as defined above and Y stands for halogen, alkoxy, mercapto or alkylthio, with a compound of the formula shown in Fig. 29 of the drawings accompanying the provisional specification, in which R^2 and R^3 are as defined above, with the exception that they do not represent acyl optionally in the presence of a base as herein described or a solvent as herein described and treating as herein described such resulting free bases with an acid, if desired.

Provisional specification 26 pages drawing sheet 4.

Complete specification 24 pages drawing sheet 2.

CLASS 72B. 147625.

Int. Cl.-C06c 5/04.

A METHOD OF MANUFACTURING A DETONATING FUSE AND A DETONATING FUSE MANUFACTURED BY THE SAID METHOD.

Applicant : IDL CHEMICALS LIMITED, SANATNAGAR (I.E.) P.O. HYDERABAD, ANDHRA PRADESH.

Inventors : DR. PATWARDHAN WAMAN DATTATRAYA & DR. COODLY PUTTASASTRY RAMASWAMY & BHASKARAVENKATESWAR RAO.

Application No. 40/Mas/77 filed February 22, 1977.

Complete Specification left May 23, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims. No drawings.

A method of manufacture of a detonating fuse comprising the steps of feeding PETN in a continuous stream into a tube so as to form, in the known way, an enclosed core of the said material, characterised by reducing the said material to a fine impalpable powder by means such as precipitation of PETN from an acetone solution or by passing a paste of PETN in water through grinding rollers and converting the said powder into granular or globular form, before feeding the same in a continuous stream into the tube as aforesaid.

(Prov.—7 pages; Com.—7 pages)

CLASS 72 B. 147626.

Int. Cl. C06b 15/00.

A METHOD OF PREPARING A BLEND OF AN OXIDISER, A SENSITISER, AND A FUEL IN A LIQUID PRASE FOR THE MANUFACTURE OF SLURRY EXPLOSIVES THEREFROM.

Applicant : IDL CHEMICALS LIMITED, SANATNAGAR (I.E.) P.O., HYDERABAD-500018, ANDHRA PRADESH.

Inventors : KUPPAM SRINIVASA IYENGAR VARADACHAR & BALAKRISHNAN GANAPATHY SUNDARAM.

Application No. 51/Mas/77 filed March 4, 1977.

Complete Specification left June 5, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims. No drawings.

A method of preparing a blend of an oxidiser, a sensitiser and a fuel in a liquid phase for the manufacture of slurry explosives therefrom, comprising the formation of a mixture of ammonium nitrate and formaldehyde and heating the mixture so as to gradually raise the temperature to the point at which an exothermic reaction sets in; cessation of heating thereafter, so as to allow the reaction to proceed on its own while maintaining the temperature of the reaction at about a predetermined value, such as, herein referred to; vacuum distillation of the resultant solution for removal of the bulk of formic acid and water therefrom, until the water content thereof is within a predetermined range, such as herein described; removal of most of the formic acid remaining in the solution by neutralising to the desired PH by means, such as, herein described.

(Prov-9 pages; Com.-8 pages).

CLASS 20 B. 147627.

Int. Cl.-A47g 1/08.

IMPROVEMENTS IN OR RELATING TO FRAMES FOR PICTURES, PHOTOS AND THE LIKE.

Applicant & Inventor : CHINNAPPA ARJUNA RAJA, 224 P.S.P. STREET, RAJAPALAIYAM CITY-626 117, TAMIL NADU.

Application No. 147/Mas/78 filed September 4, 1978.

Complete Specification left August 31, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims.

A frame for photos, pictures and the like, characterized in that each side of the frame is comprised of two or more 'U' or like shaped slidable channel elements and the ends of each side are held together with the ends of the adjacent sides by a holding means.

(Prov.-4 pages; Com.-5 pages; Drag.- 1 sheet).

CLASS 25B+35E. 147628.

Int. Cl.-C04b 35/52+F27d 1/06.

"PROCESS FOR THE MANUFACTURE OF CARBON BRICKS OR BLOCKS".

Applicants : (i) PANICKNER KUNNETH GOPINATH, 12/36, NAVJIVAN CO-OPERATIVE HOUSING SOCIETY LIMITED, LAMINGTON ROAD, BOMBAY-400 008.

(ii) DHIRAJ PRANJIVANDAS BANJARA, 1/707 GULSHAN APARTMENTS, CHUNILAL BARFIWALA MARG, (JUHU LANE) ANDHERI (WEST), BOMBAY-400 058.

Inventor : PANICKNER KUNNETH GOPINATH.

Application No. 196/Bom/1977 FILED JUNE, 18, 1977.

Complete specification left July, 18, 1978.

Appropriate office for opposition Proceedings (Rule 4, the Patents Rules, 1972) Patent Office, Bombay Branch.

9 Claims.

A process for the manufacture of carbon bricks or blocks of pre-determined shapes and sizes possessing the improved properties of bulk density, porosity and cold crushing strength as herein described which comprises :

tamping into mild steel moulds at a temperature from 90°C to140°C a carbon tamping paste such as herein described to produce moulded carbon bricks or blocks,

exposing the moulded bricks or blocks to the atmosphere for a period of up to seven days in order to initially cure them,

covering the bottom of a mild steel or stainless steel tray to a depth of at least 2 inches with a layer of a mixture of coke breeze and silica in a ratio of 2 : 1,

placing the cured bricks or blocks within the tray on top of the coke breeze-silica layer in such a way that a gap of at least 2 inches is provided between each adjacent brick or block and between the walls of the tray and the sides of the bricks or blocks facing them,

filing completely the gaps thus created with the said coke breeze-silica mixture,

covering the upper surfaces of the bricks or blocks to a depth of at least 2 inches with the coke breeze-silica mixture,

placing the charged tray within an electric furnace, sealing the furnace and heating the charge upto 1000°C within the furnace in the following manner :

from ambient temperature to 400°C at 20°C per hour

from 400°C to 600°C at 10°C per hour, and

from 600°C to 1000°C at 20°C per hour,

and in that the temperature is maintained constant 1000°C for from 10 to 15 hours, and then cooling the charge within the furnace in the following manner :

from 1000°C to 700°C at 20°C per hour, and

from 700°C to not less than 250°C at 50°C to 60°C per hour.

removing the baked bricks after cooling from the tray, and finally curing the baked bricks or blocks by exposure to the atmosphere for from 5 to 9 days.

Provisional Specification : 15 Pages, Drawings sheet : One.
Complete Specification : 21 Pages.

CLASS 134B. 147629

Int. Cl.-B62m 9/02.

IMPROVEMENT AND MODIFICATION IN HUB AND SPROCKET ASSEMBLY USED IN MOTOR CYCLE.

Applicant & Inventor : KANUBHAI DAHYABHAI MEWADA 186, RAMNAGAR SABARMATI NEAR BOBBIN FACTORY AMEMEDABAD-380 005, GUJARAT INDIA.

Application No. 274/Bom/77 FILED ON SEPTEMBER 12, 1977.

Complete specification left November 8, 1977.
Post dated to November 8, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims.

1. A rear wheel hub and sprocket wheel assembly for a motor cycle comprising a main axle which is stepless, having head at one end and threaded at other end, a half shaft being a hollow shaft having bore diameter larger than the diameter of the main axle and with acoller at one end and being threaded at the other, said half shaft being fixediy mounted at the sprocket end of said axle, a sprocket which is rotatably mounted on said half shaft through bearings, and a hub which is mounted on the main axle through bearings, said hub having ribs on its coupling face and said sprocket wheel having, also on its coupling face, projections leaving gaps in between the two projections, said gaps corresponding to the ribs in the hub, the rigs being tightly fixed within said gaps.

Complete specification 11 pages drawing sheets 5.

CLASS 125B2, 204. 147630.

Int. Cl.-G01g 13/00.

ELECTRONIC WEIGHING AND DISPENSING MACHINE.

Applicant & Inventor : GAJANAN LAXMAN KANITKAR 9095, RAVIVAR PETH POONA-411 002, MAHARASHTRA INDIA.

Application No. 152/Bom/78 FILED MAY 18TH 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

1 Claim.

1. Electronic weighing and dispensing machine comprising a fulcrum balance having a scoop on one side and a pan to carry desired weight on the other, a hopper with a vibrating chute, extended arm of the pan side lever carrying a baffle plate to on struct the light rays in front of two photo cells which in turn are connected to a transformer circuit, the said transformer being housed at the bottom of the said hopper to vibrate the chute to deliver material to the scoop; characterised in that when the photo cell on the lower side is covered by the said baffle plate, the amplitude of vibration of chute is more to accomplish coarse feed of the material to the scoop and as the baffle plate starts moving up at a particular stage both the photo cells are uncovered, at this point, coarse feed is switched over to fine feed, the baffle continues to move further to cover the upper photo cell to instanteously stop the vibrations of the said transfer to sotp delivery of any particle to the scoop.

Complete specification 6 pages. Drawing sheets 2.

CLASS 116B & C. 147631.

Int. Cl.-B65g 61/00, B66c 3/02.

DEVICE FOR THE CONTINUOUS REMOVAL OF DUMPS OF BULK MATERIAL.

Applicant : DEMAG AKTIENGESELLSCHAFT, WOLFGANG-REUTER-PLATZ, D-4100 DULSBURG, FEDERAL REPUBLIC OF GERMANY.

Inventor : RUDIGER FRANKE.

Application No. 1435/Cal/77 filed September 23, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Device for the continuous removal of bulk material comprising of a bridge transportable on rails, which is constructed of two lateral supports and a cross beam connecting these supports and whose width and height are larger than the respective width and height of the dump to be removed, as well as at least one pick-up device operating on the side of the dump to be carried away characterized by that the pick-up device is arranged on a beam effecting the transport of the material to one lateral support, which beam is guided between the lateral supports of the bridge in a raisable and lowerable manner, with the fixed transverse member of the bridge being constructed in such a way that the pick-up device in its upper terminal position is situated above the dump.

Comp. Specn. 9 Pages. Drg. 3 Sheets.

CLASS 32F-b. 147632.

Int. Cl.-C07d 99/14.

PROCESS FOR ENZYMATIC CONVERSION OF A PENICILLIN TO 6-AMINO-PENICILLANIC ACID.

Applicant : PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Inventors : JAMES J. HAMSHER AND MERRILL LOZANOV.

Application No. 360/Del/77 filed November 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims. Now drawings.

A process for the enzymatic conversion of a penicillin to 6-aminopenicillanic acid characterized in that an aqueous solution of said penicillin is contacted with a particulate immobilized penicillin acylase catalyst, characterized in that said solution is recirculated through a bed comprising said particulate catalyst at a flow rate of at least 0.4 bed volume per minute while maintaining said solution at a temperature of from 15 to 45°C and a pH of from 6.5 to 9.0 and said recirculation is continued until said penicillin is substantially converted to said acid, said bed having a depth of up to about 6 centimeters.

Comp. Specn. 13 Pages. Drgs. Nil.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

141757 141758 141759 141760 141761 141762 141763 141764 141765 141766 141767 141768 141769 141770 141771 141772

141773 141774 141775 141776 141777 141778 141779 141780 141781 141782 141783 141785 141786 141787 141788 141789 141790 141791 141792 141793 141794 141795 141796

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PATENTS SEALED

144203 145006 145008 146557 146585 146635 146637 146639 146642 146643 146648 146651 146652 146656 146662 146665 146704 146732 146784

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT 1970

(1)

The claim made by MITSUBISHI SHOJI KAISHA, LTD under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No. 144121 in their name has been allowed.

(2)

The claim made by DRG(UK) Limited under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 146439 in their name has been allowed.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. *Title of the invention*

138599 (12-09-1973) A process for manufacture ofa fluorescent materials.

139005 (3-7-1973) Process for the preparation of basic ester and salts thereof.

139023 (2-8-1973) Process for the preparation of novel carboxamide derivative.

139029 (2-1-1975) Method for purification and recovery of urokinase.

139039 (7-3-1973) Process for the preparation of azo dyes having 2, 6-diaminopyridine derivative as coupling components.

139066 (21-12-1973) Process for the preparation of phosphonoureido xylene antihelmintic compounds.

139091 (21-1-1974) Process for the production of sulfoxides.

139106 (13-7-1973) Polymerisation of olefin.

139114 (15-9-1973) Process for the production of rapoamycin.

139115 (6-11-1973) Process for recovery of ammonium salts of organic acid.

139118 (27-10-1973) Process for the removal of particulate matter and acidic gases from carrier gas.

139119 (20-11-1973) Process for the preparation of 8-allyl-5-oxo-5, 8-dihydropyrido (2, 3-d) pyrimidine-6- carboxylic acid.

139121 (14-2-1974) Process for no preparing novel indole derivative.

139121 (14-2-1974) Recovery of copper.

139231 (25-5-1973) Improvements in or relating to process for the manufacture of sorbic acid and its alkaline metal salt.

RENEWAL FEES PAID

98084 98816 98823 98849 99058 99083 99243 99786 99787 100036 102765 103795 104610 104667 104672 104691 104728 104760 104821 104827 104919 104940 104941 105108 105141 105142 105202 105323 105477 105573 105477 105573 110033 110034 110056 110095 110107 110127 110139 110235 110263 110406 110429 110547 110550 110704 110764 110845 110866 110960 110978 111039 111040 111041 111205 111826 115218 115219 115298 115357 115465 115503 115505 115614 115677 115940 116436 116887 118110 120685 120692 120711 120718 120774 120826 120994 120995 121001 121008 121021 121110 121148 121267 121541 121554 121812 121888 121926 125999 126074 126163 126253 126444 126529 126658 126693 126810 127083 127150 127252 127325 129916 130169 130171 130808 130811 130821 130834 130859 130861 130877 130895 130920 130923 131059 131099 131252 131253 131429 131453 131540 131731 131732 131734 135140 135160 135253 135275 135323 135338 135345 135359 135366 135377 135570 135641 135735 135857 135901 136305 136337 136344 136377 136711 136816 136817 136818 136824 136843 136850 137720 138186 138282 138282 138321 138676 138780 138794 138985 139016 139238 139276 139433 139488 139847 140486 140748 140826 141172 141205 141275 141398 141499 141692 141866 141980 141981 142023 142040 142168 142212 142217 142293 142472 142521 142780 143172 143199 143235 143312 143431 143729 143734 143859 144201 144261 144426 144427 144428 144429 144547 145388 145443 145461 145621 145776 145825 145844 145962 145964 145971 1455978 146044 146095 146217 146230 146256 146323 146360 146386 146415 146475 146478

CESSATION OF PATENTS

119589 121256 121296 121299 121308 121320 121321 121323 121328 121346 121353 121368 121391 121401 121403 121414 121420 121436 121441 121446 121447 121453 121454 121467 121482 121486 121487 121496 121504 121506 121512 121516 121524 121555 121569 121570 121573 121588 121595 121604 143859 144201 144261 144426 144427 144428 144429 144547 121704 121718 121730 121737 121747 121775 121779 121785 145964 145971 145978 146044 146095 146217 146230 146256 136566 138075 139541 142818 143347 143592 143863 144234 145650

CESSATION OF PATENTS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 113745 granted to Council of Scientific and Industrial Research and subsequently assigned to National Research Development Corporation of India, for an invention relating to Cable fault locators.

The patent ceased on the 22nd December, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th February, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice of opposition on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 3rd July 1980 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139478 granted to Rajinder Kumar Jain and Devy Dayal, for an invention relating to "a tape seal for sealing rolling stock or containers".

The patent ceased on the 4th February, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 5th January, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice of opposition on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 3rd July 1980 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141893 granted to Hazelett strip-casting Corporation, for an invention relating to "twin-belt continuous metal casting machine".

The patent ceased on the 11th April, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 5th January, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice of opposition on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 3rd July 1980 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142818 granted to The Parker Pen Company for an invention relating to "improvements in and relating to modular writing pens".

The patent ceased on the 28th January, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 5th January, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice of opposition on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 3rd July 1980 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 143059 granted to Rohm & Haas Company for an invention relating to "process for removing ions from liquids containing metal salts".

The patent ceased on the 27th December, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 5th January, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice of opposition on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 3rd July 1980 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 134026 granted to The Tata Iron & Steel Co. Ltd., Zacharia George & Guruvayoor Subramanian Ramaswamy, for an invention relating to "improvements in or relating to grip bar for concrete reinforcement".

The patent ceased on the 21st December, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 22nd December, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice of opposition on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 3rd July 1980 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 144356 granted to Phool Chand Saxena, Santaram Rangath Gaikwad and Miss Vaijayanti Vaman Irande, for an invention relating to "multi-channel data logger".

The patent ceased on the 5th October, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 19th January, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice of opposition on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 3rd July 1980 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(8)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 145010 granted to Syed Mahmood Ali for an invention relating to "instant start choke for fluorescent lamp."

The patent ceased on the 5th December, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th February, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice of opposition on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before

the 3rd July 1980 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(9)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 145742 granted to Sundaram-Clayton Limited, for an invention relating to "a pressure indicator".

The patent ceased on the 23rd November, 1979, due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th February, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice of opposition on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 3rd July 1980 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(10)

Notice is hereby given that an application for restoration of Patent No. 113388 dated the 29th November, 1967 made by Ram Narain Kher, on the 17th August, 1978 and notified in the Gazette of India, Part III, Section 2 dated the 13th January, 1979 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 148640. Jagadish Prasad Gupta, Sole proprietor of Road Reflective Roses, 281/1, Prempuri, Meerut City, Uttar Pradesh, India, an Indian National. "Road Gan-Cone". July 16, 1979.

Class 1. No. 148703. Kirloskar Brothers Limited of 'Udyog Bhavan', Tilak Road, Pune 411022, State of Maharashtra, India. "Stub shaft". July 27, 1979.

Class 1. No. 148712. Mohemmed Abdul Wadood, a citizen of India, H. No. 172-A, Mallapally, Hyderabad (Andhra Pradesh). "Covering box for emergency light". July 28, 1979.

Class 1. No. 148730. Bajaj Locks (India), B-5, Industrial Estate, Aligarh, Uttar Pradesh, an Indian partnership concern. "Lock". August 8, 1979.

Class 1. No. 148769. Punjab Metals. 306, Lotus House, 33-A, New Marine Lines, Bombay-400020, Maharashtra, an Indian Proprietary Firm. "Dish Tray". August 27, 1979.

Class 1. No. 48770. Punjab Metals, 306, Lotus House, 33-A, New Marine Lines, Bombay-400020, Maharashtra, an Indian Proprietary Firm. "Suger Dispenser". August 27, 1979.

Class 3. No. 148518. M/s. Revon Cosmetics. 6, Abida House, Dontad Cross Lane, 1st floor, Room 2/3, Bombay-400009, Maharashtra, an Indian Proprietary concern. "Plastic Cap". June 12, 1979.

Class 3 No. 148519. M/s. Revon Cosmetics. 6, Abida House, Dontad Cross Lane, 1st floor, Room 2/3, Bombay-400009, Maharashtra, an Indian Proprietary concern. "Plastic Cap". June 12, 1979.

Class 3. No. 148520. M/s. Revon Cosmetics. 6, Abida House, Dontad Cross Lane, 1st floor, Room 2/3, Bombay-400009, Maharashtra, an Indian Proprietary concern. "Plastic Cap". June 12, 1979.

Class 3. No. 148642. Elesa S.p.A., an Indian Company of Via degli Omenoni 2, 20121 Milano, Italy. "A Three-Cornered Knob". July 16, 1979.

Class 3. No. 148645. Sohan Lal Malhotra, Sole Proprietor of Navyug Industrial Corporation, WZ-1093/3 Basai Darapur, New Delhi-110015, Indian National. Oil and air filters for automobiles". July 16, 1979.

Class 3. No. 148701. Rediffusion advertising private Limited, of 4th floor, 167 Dr. Annie Besant Road, Bombay, 400018, state of Maharashtra, India. "Marking cum coding equipment". July 27, 1979.

Class 3. No. 148707. Minni Trading Corporation, 5-B, Kanchan Villa, Goraswadi, Malad, Bombay-400064, Maharashtra, an Indian Partnership Firm. "Lid of container". July 28, 1979.

Class 3. No. 148710. Vedu Prakash Gupta of Tikaram Mandir Marg, Aligarh, Uttar Pradesh, India of Indian Nationality. "A container for clinical thermometer". July 28, 1979.

Class 3. No. 148759. Asian Advertisers, 20, Kala Bhavan, 3, Mahew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Ash Tray", August 21, 1979.

Class 3. No. 148760. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Pen Stand". August 21, 1979.

Class 3. No. 148761. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Memo Pad". August 21, 1979.

Class 3. No. 148762. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Index Card Box". August 21, 1979.

Class 3. No. 148767. Larsen & Toubro Limited of Powai Works, Saki-Vihar Road, P.O. Box 8901, Bombay-400072, Maharashtra, India, an Indian Company. "A filler for Partitions in Switch boards". August 27, 1979.

Class 3. No. 148789. Larsen & Toubro Limited of L&T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "Slide-in Female contact for switch boards". September, 4, 1979.

Class 3. No. 148790. Larsen & Toubro Limited of L&T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "Slide-in Female contact for switch boards". September, 4, 1979.

Class 3. No. 148791. Larsen & Toubro Limited of L&T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "Slide-in Male contact for switch boards". September 4, 1979.

Class 3. No.148800. Ravi Prakash, C/o. General Plastics, 8, Tamarind Street, Bombay-400023, State of Maharashtra, India, an Indian National. "A Torch". September 6, 1979.

Class 4. No. 148765. Highbrow Laboratories, C-102, Indraprastha, Industrial Area Kota (Raj.). (an Indian partnership Firm) "Bottle". August 23, 1979.

Class 11. No. 148530. Atlas Hosiery Works, 197 Rajpur Road, P.O. Rajpur, Dist. Dehra Dun, U.P. India, an Indian Company. "Brief", June 16, 1979.

Class 12. No. 148634. Indo-German Traders, Indian Partnership Firm of 4, Chandni Chowk Street, Calcutta-700072, West Bengal, India. "Bag". July 13, 1979.

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